



PTO/SB/08A (07-05)

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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 1

**Complete if Known**

Application Number	09/992,035
Filing Date	November 23, 2001
First Named Inventor	Michael D. Dahlin
Art Unit	3626
Examiner Name	Unknown
Attorney Docket Number	1039-0030

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
alb	A4	US- 5,561,446	10-01-1996	Montlick	
	B4	US- 5,960,085	09-28-1999	de la Huerga	
	C4	US- 6,347,329	02-12-2002	Evans	
	D4	US- 2001/0032124 A1	10-18-2001	Savage et al.	
alb	E4	US- 2003/0018495 A1	01-23-2003	Sussman	
	F4	US-			
	G4	US-			
	H4	US-			
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	J4	US-			
	K4	US-			
	L4	US-			
	M4	US-			
	N4	US-			
	O4	US-			
	P4	US-			
	Q4	US-			
	R4	US-			
	S4	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
alb	T4	WO 2004/51415 A2	06-17-2004	RECARE, INC.		
	U4	WO 2004/51428 A2	06-17-2004	RECARE, INC.		
	V4	WO 2004/51628 A2	06-17-2004	RECARE, INC.		
	W4	WO 2002/42875 A2	05-30-2002	RECARE, INC.		
alb	X4	WO 2002/42876 A2	05-30-2002	RECARE, INC.		
	Y4	WO 2004/15543 A2	02-19-2004	RECARE, INC.		

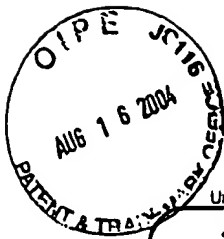
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Filing Date	November 23, 2001
First Named Inventor	Michael D. Dahlin
Art Unit	3626
Examiner Name	UNASSIGNED
Attorney Docket Number	1039-0030

Sheet 1 of 4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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clb	A	US- 4,839,822 A	06-13-1989	Dormond et al.	
	B	US- 4,916,611	04-10-1990	Doyle, Jr. et al.	
	C	US- 5,018,067	05-21-1991	Mohlenbrock et al.	
	D	US- 5,065,315	11-12-1991	Garcia	
	E	US- 5,070,452	12-03-1991	Doyle, Jr. et al.	
	F	US- 5,072,383	12-10-1991	Brimm et al.	
	G	US- 5,077,666	12-31-1991	Brimm et al.	
	H	US- 5,101,476	03-31-1992	Kukla	
	I	US- 5,301,105	04-05-1994	Cummings, Jr.	
	J	US- 5,319,543	06-07-1994	Wilhelm	
	K	US- 5,347,453	09-13-1994	Maestre	
	L	US- 5,347,477	09-13-1994	Lee	
	M	US- 5,361,202	11-01-1994	Doue	
	N	US- 5,366,896	11-22-1994	Margrey et al.	
	O	US- 5,390,238	02-14-1995	Kirk et al.	
	P	US- 5,528,021	06-18-1996	Lassus et al.	
	Q	US- 5,594,638	01-14-1997	Iliff	
	R	US- 5,660,176	08-26-1997	Iliff	
clb	S	US- 5,722,418	03-03-1998	Bro	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
clb	TT	WO 2001/133378 A	05-10-2001			
clb	UU	WO 2001/35376 A1	05-17-2001	RECARE, INC.		
clb	VV	WO 2002/33654 A1	04/25/2002	RECARE, INC.		
	WW					
	XX					
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Sheet 2 of 4**Complete if Known**

Application Number	09/992,035
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First Named Inventor	Michael D. Dahlin
Art Unit	3626
Examiner Name	UNASSIGNED
Attorney Docket Number	1039-0030

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<i>clb</i>	AA	US- 5,737,539	04-07-1998	Edelson et al.	
<i>clb</i>	BB	US- 5,748,907	05-05-1998	Crane	
	CC	US- 5,769,074	06-23-1998	Barnhill et al.	
	DD	US- 5,772,585	06-30-1998	Lavin et al.	
	EE	US- 5,778,882	07-14-1998	Raymond et al.	
	FF	US- 5,845,255	12-01-1998	Mayaud	
	GG	US- 5,868,669	02-09-1999	Iliff	
	HH	US- 5,879,163	03-09-1999	Brown et al.	
	II	US- 5,883,370	03-16-1999	Walker et al.	
	JJ	US- 5,924,074 A	07-13-1999	Evans	
	KK	US- 5,946,646	08-31-1999	Schena et al.	
	LL	US- 5,951,300	09-14-1999	Brown	
	MM	US- 5,954,641	09-21-1999	Kehr et al.	
	NN	US- 6,018,713	01-25-2000	Coli et al.	
	OO	US- 6,021,202	02-01-2000	Anderson et al.	
	PP	US- 6,024,699 A	02-15-2000	Surwit et al.	
	QQ	US- 6,026,363 A	02-15-2000	Shepard	
	RR	US- 6,047,259 A	04-04-2000	Campbell et al.	
<i>clb</i>	SS	US- 6,055,333 A	04-25-2000	Guzik et al.	

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	UU					
	VV					
	WW					
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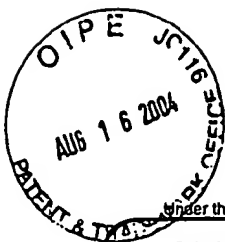
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Sheet 3 of 4**Complete if Known**

Application Number	09/992,035
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First Named Inventor	Michael D. Dahlin
Art Unit	3626
Examiner Name	UNASSIGNED
Attorney Docket Number	1039-0030

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CCL	A3	US- 6,073,097 A	06-06-2000	Gould et al.	
	B3	US- 6,073,375	06-13-2000	Fant et al.	
	C3	US- 6,085,752	07-11-2000	Kehr et al.	
	D3	US- 6,090,044	07-18-2000	Bishop et al.	
	E3	US- 6,108,635	08-22-2000	Herren et al.	
	F3	US- 6,113,540	08-05-2000	Iliff	
	G3	US- 6,132,218 A	10-17-2000	Benja-Athon	
	H3	US- 6,209,095 B1	03-27-2001	Anderson et al.	
	I3	US- 6,248,063 B1	06-19-2001	Barnhill et al.	
	J3	US- 6,298,348 B1	10-02-2001	Eldering	
	K3	US- 6,317,789	11-13-2001	Rakavy et al.	
	L3	US- 6,385,592	05-07-2002	Angles et al.	
	M3	US- 6,609,200 B2	08-19-2003	Anderson et al.	
	N3	US- 6,678,669 B2	01-13-2004	Lapointe et al.	
	O3	US- 2001/0023419 A1	09-20-2001	Lapointe et al.	
	P3	US- 2001/0032099 A1	10-18-2001	Joao	
	Q3	US- 2002/0049612 A1	04-25-2002	Jaeger et al.	
	R3	US- 4,858,121	08-15-1989	Barber et al.	
	S3	US- 5,992,890	11-30-1999	Simcox	

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Sheet	4	of	4	Attorney Docket Number	1039-0030

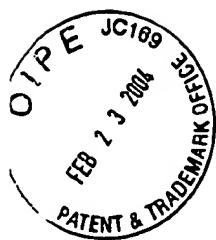
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	A3	GORZALCZANY, M. B.; GRADZKI, P., Computational intelligence in medical decision support a comparison of two neuro-fuzzy systems, Industrial Electronics, 1999. ISIE '99. Proceedings of the IEEE International Symposium on, Volume:1, 1999, Page(s): 408-413, vol. 1.	
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clb	AA	2001-0032099	A1	JOAO	10/18/2001	
	AB	2002-0049612	A1	JAEGER, et al.	04/25/2002	
	AC	6,024,699	A	SURWIT, et al.	02/15/2000	
	AD	6,047,259	A	CAMPBELL, et al.	04/04/2000	
clb	AE	6,248,063	B1	BARNHILL, et al.	06/19/2001	
	AF					
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	AO							<input type="checkbox"/>

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